

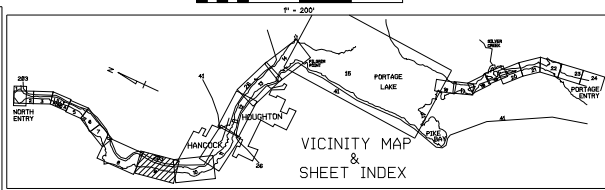
NOTE
THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED. EVEN STATIONS SURVEYED ON EVEN YEARS / ODD STATIONING ON ODD YEARS. DATE OF SURVEYS FOR 2002 - OCTOBER 07 2002 (THESE SOUNDINGS ARE ON LEVEL 61)

NOTES

- 1) THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THAT TIME.
- 2) ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM ELEVATION 601.1 ABOVE MEAN SEA LEVEL, 1985.
- 3) PROJECT DEPTHS FOR THIS AREA ARE 25 FT.
- 4) THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, NORTH ZONE (2111), NORTH AMERICAN DATUM 1983 (NAD 83), US FOOT.
- 5) THE LOCATION OF NAVIGATION BUOYS REPRESENTS THE GENERAL LOCATION ON THE DATE OF THE SURVEY AND CANNOT BE CONSIDERED FOR NAVIGATION.
- 6) THE SURVEY SHOWN WAS CONDUCTED BY D. GOLZ, PARTY CHIEF DURING 23 OCT - 2003, USING D.G.P.S. POSITIONING, AN INTERFERENCE 445 SOUNDING, AND A HYDRAK AUTOMATED HYDROGRAPHIC SURVEY SYSTEM.

LEGEND

- HORIZONTAL CONTROL POINT G.P.S.
- HORIZONTAL CONTROL POINT
- DREDGING LIMIT TURNING POINT
- CHANNEL LINE TURNING POINT
- CENTER LINE 00+00
- CHANNEL LINE
- DREDGING LIMIT
- SHORELINE
- PROJECT DEPTH CONTOUR
- CENTER LINE STATIONS



THIS PLAN ACCOMPANIES CONTRACT NO. MODIFICATION NO.

AREA 9			
NO.	DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN			
DESIGNED BY: KEEWENAW - WATERWAY			
DRAWN BY: MICHIGAN			
CHECKED BY: CONDITION SURVEY - OCTOBER 2003			
REVIEWED BY: DULUTH AREA OFFICE DULUTH, MN			
SUBMITTED BY: APPROVAL RECOMMENDED			
CHIEF, PROJECT OPER. SEC. CHIEF, DTS BRANCH DATE			
APPROVED BY: SCALE AS SHOWN 1" = 200'			
DATE: 10/07/2003 CADD FILE NAME: Kwd09003.dgn DRAWING NUMBER			
SHEET 1 OF 1			
INVITATION NO. DACW. KW 7570/09-21			